



Overview

Canrez® CP75BK91 is Canyon's ultra low temperature FFKM offering near universal chemical resistance and excellent low-temperature performance at a competitive cost. Compare it to Kalrez® 0040, and Chemraz® 564.

CP75BK91 has a service temperature range of -45°C to 250°C and withstands short excursions outside that range.

Features & Benefits

- Near universal chemical resistance
- Low temperature resistance
- Low outgassing
- Cost effective

Recommended Applications

- Ultra Low temperature valves & pumps
- Chemical Processing
- Oil & gas

Service Temperature

- -45°C to 250°C (-49°F to 482°F)

Looking for specific chemical compatibilities or desire more material information? [Please Contact Us!](#)



Test Data

Table 1. Physical Properties

Color	Black
Hardness, Shore A	75
Tensile Strength, psi (MPa)	2038 (14)
Elongation	232%
100% Modulus, psi (MPa)	581 (4)
Specific Gravity, g/cm ³	1.96
TR-10 Temp, °C	-30
Tg Temp, °C	-32

Table 2. Compression Set

70hrs at 200°C	21%
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Table 3. Ammonia – 336 hrs at 100°C

Hardness, Shore A	-3
Tensile Strength Change, %	-13
Ultimate Elongation Change, %	+6

Table 4. Steam Aging – 168 hrs at 220°C

Hardness, Shore A	-2
Volume Change, %	+1

Table 5. Sulfuric Acid – 168 hrs at 65°C

Hardness, Shore A	-9
Volume Change, %	+10